

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

MATERIAL SPECIFICATION

MS-220: “CORRUGATED POLYETHYLENE PIPE”

220.1 SCOPE

This specification applies to smooth interior walled high-density corrugated polyethylene (PE) pipe that is commonly used for road culverts.

220.2 QUALITY

The manufacturer of corrugated polyethylene pipe shall be governed by the American Association of State Highway and Transportation Officials, AASHTO.

The pipe shall comply with the requirements for test methods, dimensions and markings in AASHTO specification M-294-S. The pipe and fittings shall be made from PE compounds which conform with the requirements of cell class 324420C as defined and described in ASTM D-3350.

Installation of the pipe shall be in accordance with Washington NRCS Construction Specification CS-13, and hand compacted around the pipe to the depth of cover as stated on the drawings.